

## INTERNATIONAL SEARCH REPORT

IB2004/051739

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G06F19/00 A61N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G06F A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DI YAN ET AL: "Adaptive radiation therapy" PHYSICS IN MEDICINE AND BIOLOGY IOP PUBLISHING UK, vol. 42, no. 1, 1997, pages 123-132, XP002315745 ISSN: 0031-9155 abstract page 123, paragraph 1 - page 124, paragraph 2 page 129, paragraph 3 - last paragraph figure 3 ----- -/-	1,8
A	----- -----	2-7,9-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*'A' document defining the general state of the art which is not considered to be of particular relevance
- \*'E' earlier document but published on or after the International filing date
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- \*'O' document referring to an oral disclosure, use, exhibition or other means
- \*'P' document published prior to the International filing date but later than the priority date claimed

- \*'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*'G' document member of the same patent family

Date of the actual completion of the international search

31 January 2005

Date of mailing of the International search report

15/02/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BROCK K K ET AL: "Inclusion of organ deformation in dose calculations" MEDICAL PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 30, no. 3, March 2003 (2003-03), pages 290-295, XP012011997 ISSN: 0094-2405	1,8
A	abstract page 291, left-hand column, paragraph 2 - page 292, right-hand column, paragraph 6 page 294, left-hand column, paragraph 3 - right-hand column, last paragraph figures 1-3 -----	2-7,9-11
X	US 2003/125622 A1 (SCHWEIKARD ACHIM ET AL) 3 July 2003 (2003-07-03)	1,8
A	abstract paragraph '0006! - paragraph '0009! claim 1 figures 1,4 -----	2-7,9-11
X,P	BIRKNER M ET AL: "Adapting inverse planning to patient and organ geometrical variation: algorithm and implementation" MEDICAL PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 30, no. 10, October 2003 (2003-10), pages 2822-2831, XP012011966 ISSN: 0094-2405	1,8
A	abstract page 2822, left-hand column, paragraph 1 - page 2823, left-hand column, last paragraph page 2824, left-hand column, paragraph 2 - page 2826, left-hand column, last paragraph page 2826, right-hand column, paragraph 3 - page 2827, right-hand column, last paragraph page 2829, left-hand column, last paragraph - page 2831, right-hand column, paragraph 1 figures 1,2 ----- -/-	2-7,9-11

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>LIANG J ET AL: "Reducing uncertainties in volumetric image based deformable organ registration" MEDICAL PHYSICS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 30, no. 8, August 2003 (2003-08), pages 2116-2122, XP012012189 ISSN: 0094-2405 abstract page 2116, left-hand column, paragraph 1 - page 2117, right-hand column, last paragraph page 2118, right-hand column, last paragraph - page 2119, left-hand column, paragraph 3 page 2120, right-hand column, paragraph 2 - page 2121, right-hand column, last paragraph -----</p>	3-6,9-11

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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